

ABSTRACT

A gripper that has a pin coupled to a pair of fingers. The gripper is used to grasp and move a fiber optic cable. The pin provides a reference surface that constrains the movement of the cable along a vertical or z-axis relative of the gripper. Constraining the fiber optic cable insures a more repeatable placement of the cable within the gripper. The gripper may include a groove that captures the fiber optic cable and is located along the fingers so that a portion of the fiber optic cable extends below a bottom surface of the gripper fingers. This allows the cable to be in contact with another surface during an assembly process such as soldering to a fiber module substrate.